

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1.-4. (Canceled)

5. (Currently Amended) An [[The]] optical and electrical compound connector—in accordance with claim 1, for at least one of receiving and transmitting light signals and at least one of receiving and transmitting electric signals simultaneously, the connector comprising:

a flexible sheet-shaped base board having at least one light guide provided therein along an insertion direction of the sheet-shaped base board and conductor patterns provided on a surface of the sheet-shaped base board, the conductor patterns being provided between a front end and a rear end of the sheet-shaped base board in the insertion direction, the sheet-shaped base board being configured to transmit the light signals and the electric signals simultaneously;

a connector main body connected to the sheet-shaped base board;

a light-sensitive element configured to receive the light signals from at least one of the light guide of the sheet-shaped base board and a light emitting element configured to transmit light signals to the light guide of the sheet-shaped base board;

contacts performing transmission and reception of the electric signals with respect to the conductor patterns of the sheet-shaped base board,

the connector main body having a first wall and a second wall which encloses the sheet-shaped base board from both sides in a thickness direction of the connector main body, and the connector main body having a third wall facing the front end of the sheet-shaped base board in the insertion direction;

at least one of the light-sensitive element and the light emitting element are disposed on one of the first, second and the third walls; characterized by that

~~the connector main body is comprised of~~ comprising a body portion having the first wall and the third wall, and a cover connected to the body portion, the cover providing the second wall and being configured to rotate ~~which is attached to the body rotatably between an opened state and a closed state and serves as the second wall;~~

~~each of the contact~~ each contacts having a protrusion formed at a part thereof electrically connected to the conductor patterns of the sheet-shaped base board ~~[[with]] by an electric connection, [[and]] the contacts [[are]] being disposed on the first wall; and~~

a measure of a clearance between the protrusion and the second wall, when under ~~a state that the cover is closed without connecting the sheet-shaped base board,~~ is smaller than a measure of a thickness of the sheet-shaped base board.

6. (Currently Amended) The optical and electrical compound connector in accordance with claim 5, ~~characterized by that under a state that the cover is closed~~ wherein when the cover is closed to provide the second wall, the cover serving as the second wall comprises:

a contacting piece which contacts the sheet-shaped base board and presses the sheet-shaped base board to the contacts disposed on the first wall;

a curvature portion ~~formed to be bent~~ configured to bend an extended portion of the contacting piece outward at a position opposite to a side where the third wall is located;

a main cover portion formed ~~[[with]]~~ by extending the curvature portion to a vicinity of the third wall substantially parallel to the contacting piece; and

rotation shaft portions which are formed to protrude toward the third wall from an end portion of the main cover portion in the side of the third wall, and rotatably ~~borne~~ provided on the body.

7. (Currently Amended) The optical and electrical compound connector in accordance with claim 5, ~~characterized by that~~ wherein the body portion comprises a hooking protrusion ~~for hooking~~ configured to hook the cover ~~under the state that~~ when the cover is closed on a side face of the first wall;

the cover is attached to the body rotatably between the opened state and the closed state and movable parallel to the first wall ~~under the state that~~ when the cover is closed; and

when the cover is displaced parallel to the first wall ~~under the condition that~~ in the ~~cover is closed state,~~ [[it]] the cover comprises a hook shaped portion ~~for preventing~~ configured to prevent rotation and parallel displacement of the cover, the hook shaped portion extending ~~with climbing~~ over the hooking protrusion of the body and ~~being hooked with~~ so as to be connected to the hooking protrusion.

8. (Currently Amended) The optical and electrical compound connector in accordance with claim 5, ~~characterized by that~~ the first wall comprises an engaging portion which is engaged with the sheet-shaped base board so as to position the first wall relative to the sheet-shaped base board ~~for positioning relative locations of them.~~